

FIG. 1

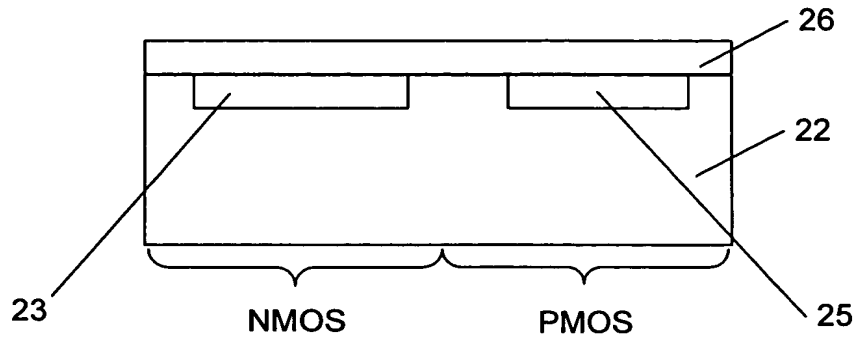


FIG. 2A

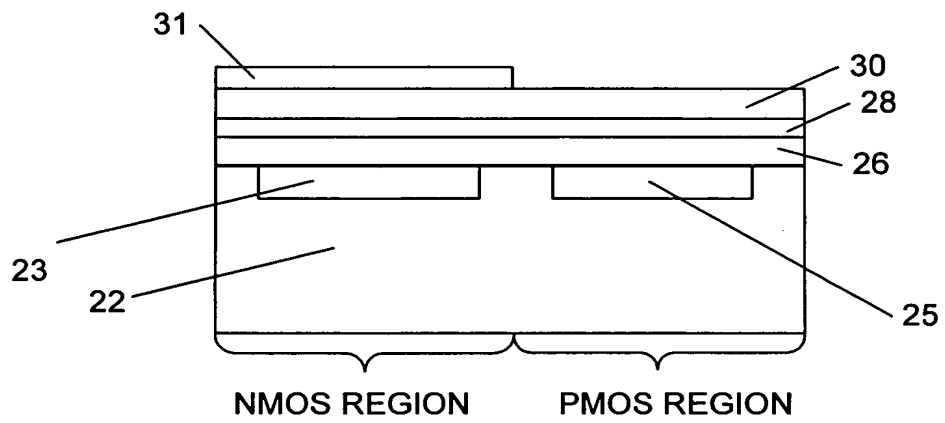


FIG. 2B

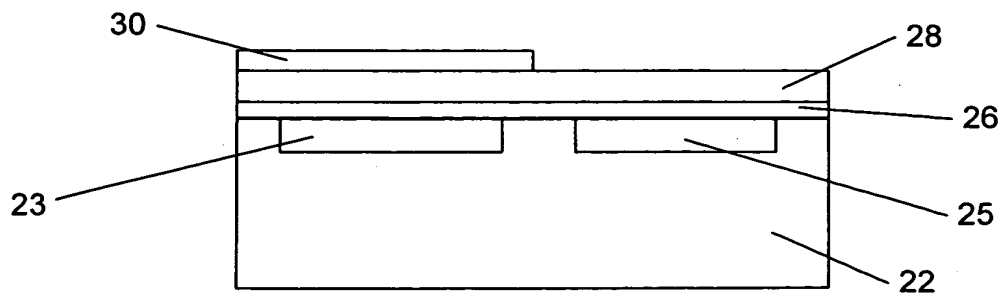


FIG. 2C

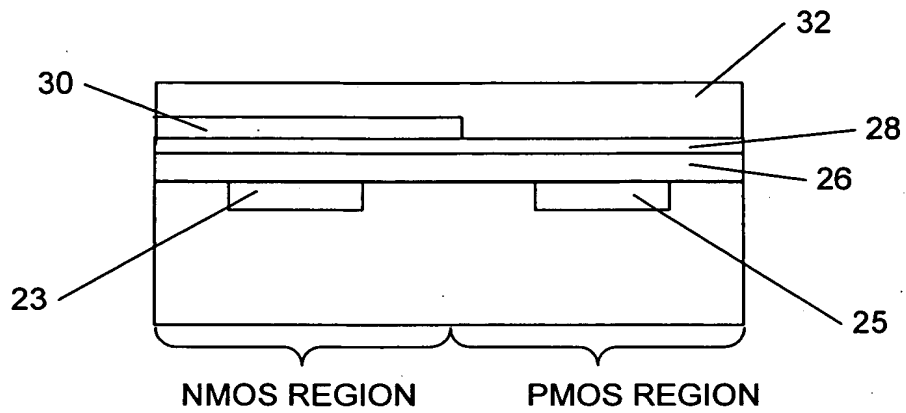


FIG. 2D

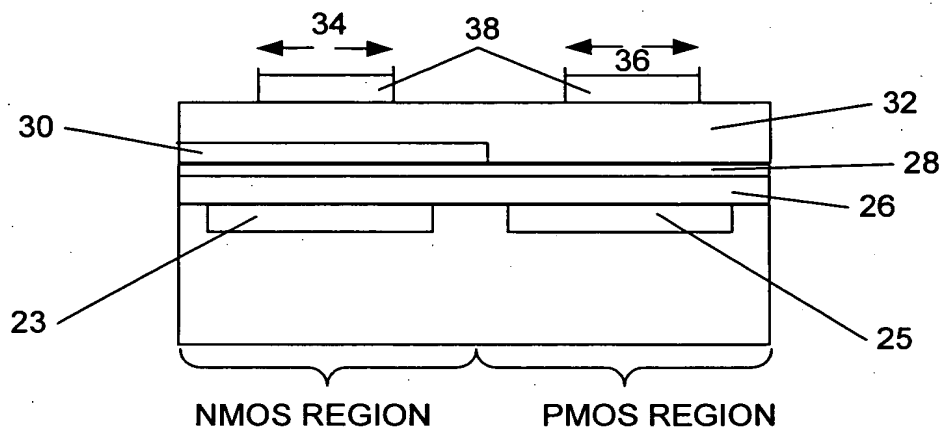


FIG. 2E

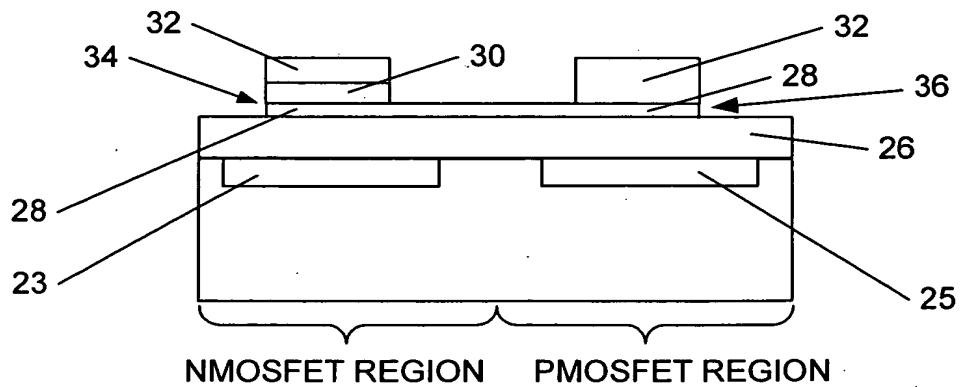


FIG. 2F

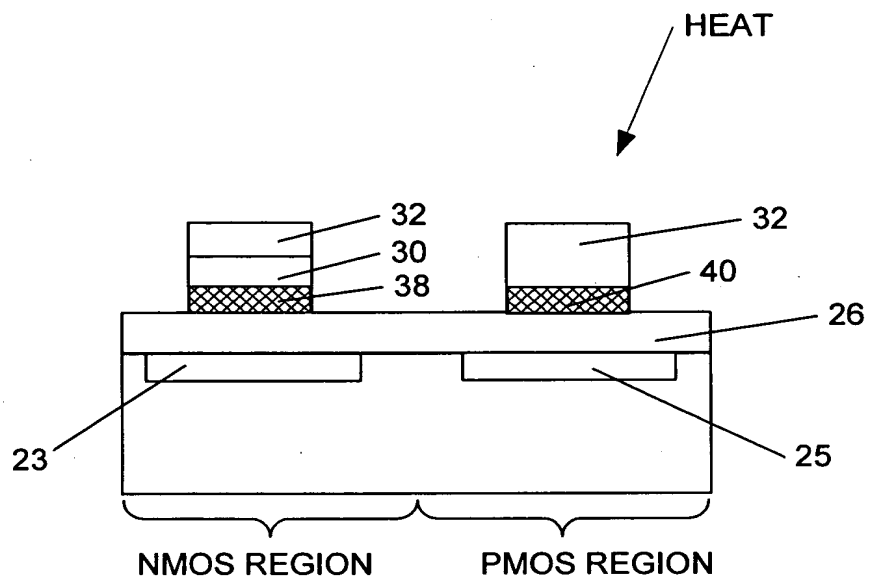


FIG. 2G

(unit: nm/min)

	Hf	AlN <sub>x</sub>	SiO <sub>2</sub>
HPM	82	<0.1	6.0
SPM	>100	0	0

FIG. 3

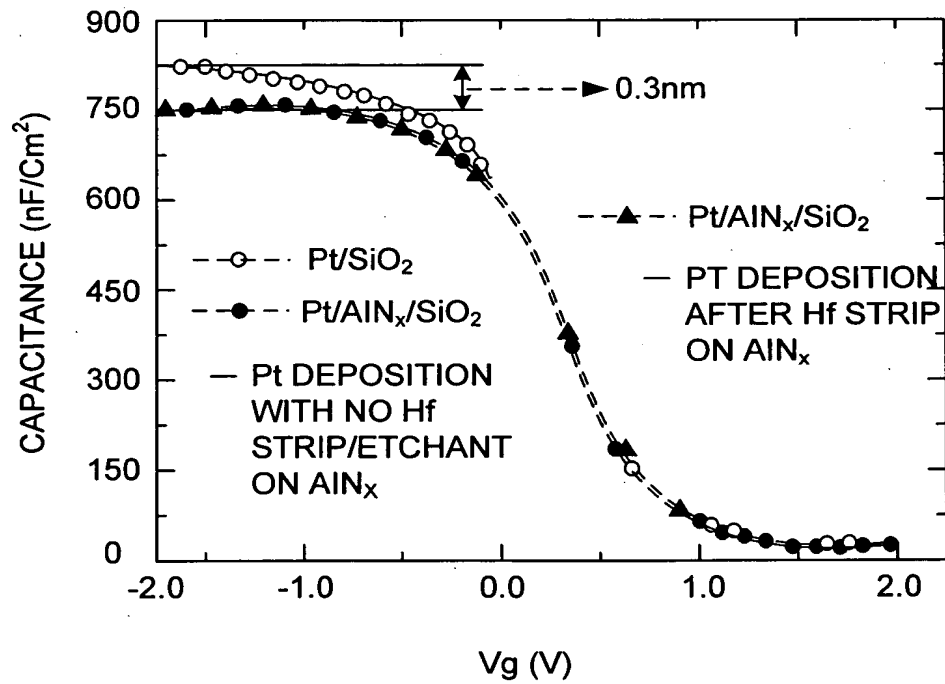


FIG. 4

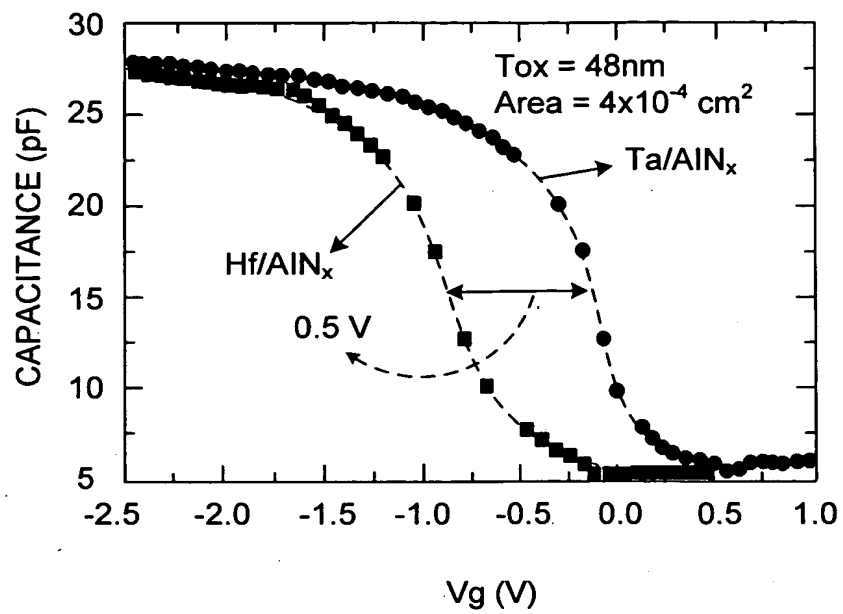


FIG. 5

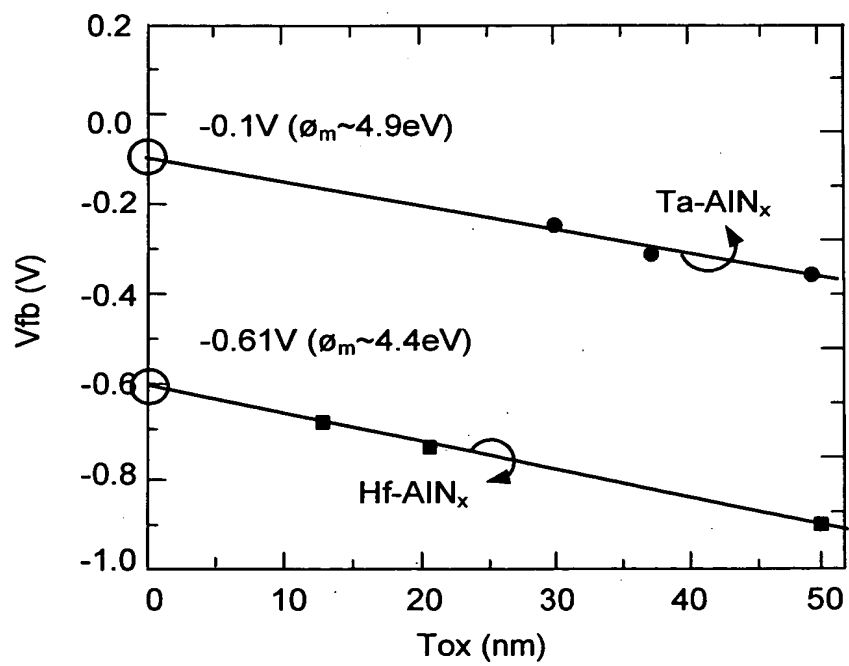


FIG. 6

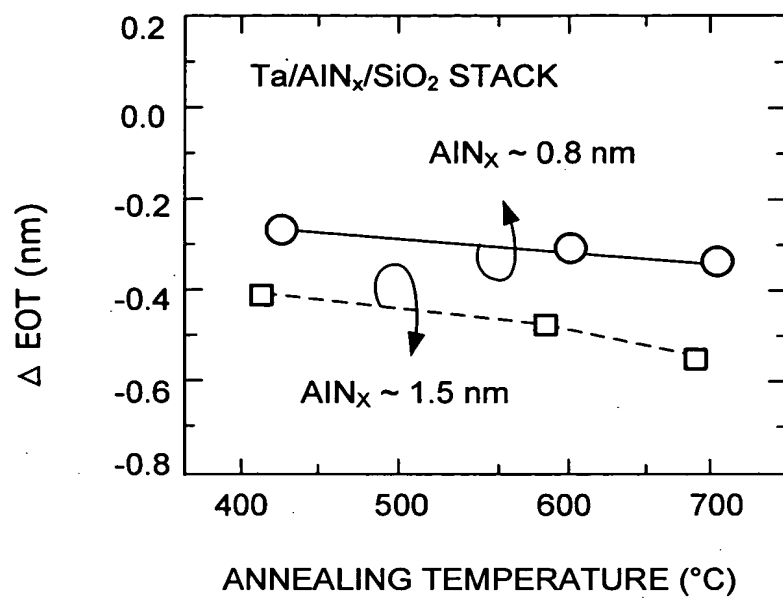


FIG. 7